

# Airport Congestion

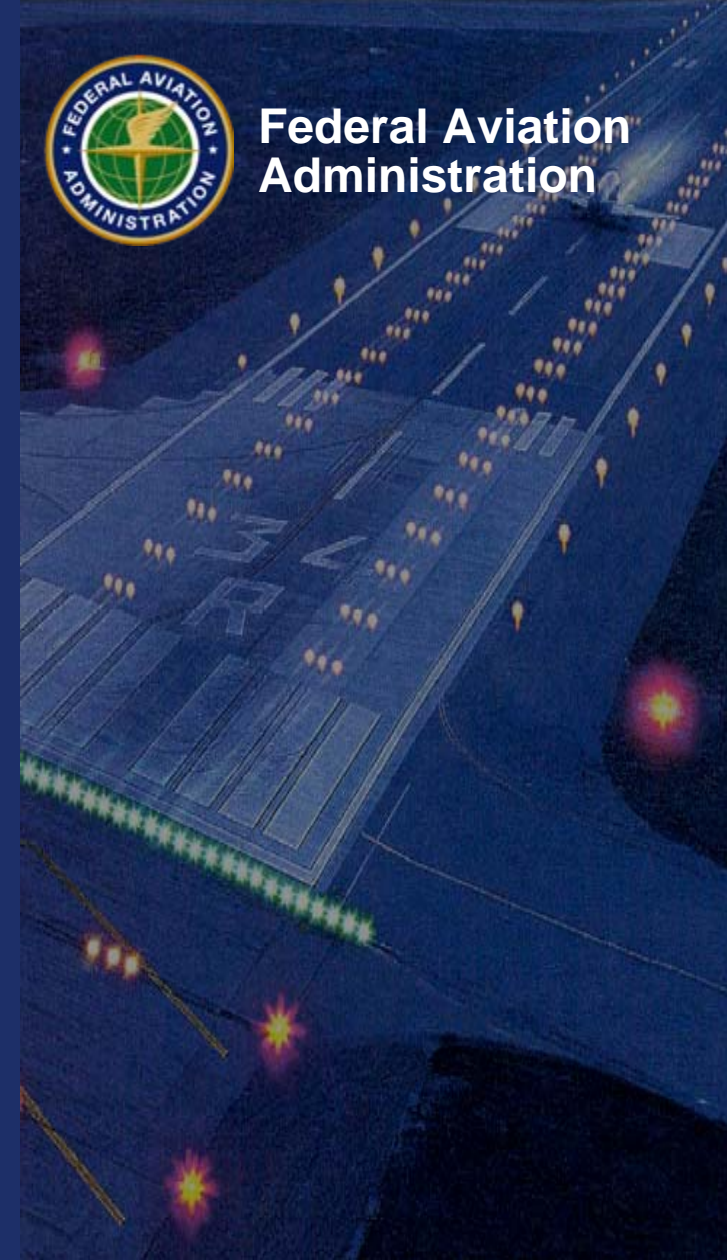
## ARPT-1 New and Extended Runways

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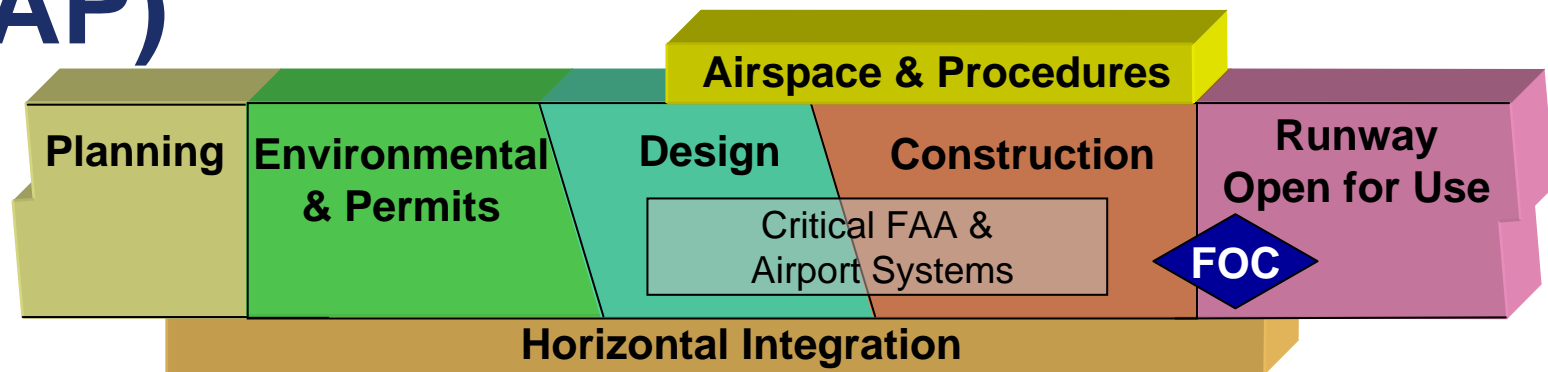
Federal Aviation  
Administration



# ARPT-1 New and Extended Runways

- Key contributors to capacity growth and improvements in throughput within the NAS
- FAA established commitment and accountability for critical new runway projects in 2001. This commitment is renewed each year through the Agency Flight Plan:
  - *“Ensure that all necessary facilities, equipment, procedures, airspace changes, and staffing are in place at the time needed to meet new runway capability commitments established in partnership with stakeholders”*

# Runway Template Action Plan (RTAP)



- Cross-organizational effort to help FAA and stakeholders collaboratively manage complex projects
- Comprehensive, consistent generic runway project schedule applied individually to each runway project
- Accountable organization, dates and interdependencies are defined at the task level
- Schedule spans from initial planning through delivery of full operational capability commitment
- Integrates systems checklists and schedules for all required facilities

# Generic RTAP

OEP Runway Template Action Plan (RTAP) - Generic Location

| ID  | WBS      | Task Name   | Organization       | Text1 | Start    | Finish   | Duration  | '01 | '02 | '03 | '04 | '05 | '06 | '07 | '08 | '09 | '10 | '11 | '12 | '13 | '14 | '15 | '16 |
|-----|----------|---|--------------------|-------|----------|----------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1   | 1        | New Runway X/Y (Generic)  |                    |       | 6/25/01  | 4/1/11   | 3568 days | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  |
| 2   | 1.1      | Program Management  |                    |       | 2/15/03  | 4/1/11   | 2968 days | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  |     |
| 3   | 1.1.1    | Identify Air Traffic Requirements for Budget Planning                   |                    |       | 2/15/03  | 8/13/03  | 180 days  | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  |     |     |
| 4   | 1.1.1.1  | Identify Changes to Airspace and Procedures                             | AT                 |       | 2/15/03  | 5/15/03  | 90 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 5   | 1.1.1.2  | Develop Staffing Plan (including Backfill Overtime)                     | AT                 |       | 5/16/03  | 8/13/03  | 90 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 6   | 1.1.1.3  | Identify Training Requirements (Simulation and Classroom)               | AT                 |       | 5/16/03  | 8/13/03  | 90 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 7   | 1.1.1.4  | Identify F&E Equipment Requirements (from Master Equipment List)        | AT                 |       | 5/16/03  | 8/13/03  | 90 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 8   | 1.1.1.5  | Identify Facility Requirements (Condition Assessment-6480.17)           | AT                 |       | 5/16/03  | 8/13/03  | 90 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 9   | 1.1.1.6  | Submit AT Budget Input to ANI and AT Ops                                | AT                 |       | 8/13/03  | 8/13/03  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 10  | 1.1.1.7  | Begin Tracking F&E and Ops Budget Submittals and Approvals              | ANI,AT             |       | 8/13/03  | 8/13/03  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 11  | 1.1.2    | Identify Airway Facilities Requirements for Budget Planning             |                    |       | 5/16/03  | 8/13/03  | 90 days   | 11  | 12  | 13  | 14  | 15  | 16  |     |     |     |     |     |     |     |     |     |     |
| 19  | 1.1.3    | Passenger Facility Charge (PFC) Funding                                 |                    |       | 12/19/04 | 7/26/06  | 584 days  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  | 31  | 32  | 33  | 34  |
| 26  | 1.1.4    | Airport Improvement Program (AIP) Funding                               |                    |       | 12/29/05 | 7/26/06  | 210 days  | 26  | 27  | 28  | 29  | 30  | 31  | 32  | 33  | 34  | 35  | 36  | 37  | 38  | 39  | 40  | 41  |
| 30  | 1.1.5    | Post-Commissioning Activities   |                    |       | 10/4/10  | 4/1/11   | 180 days  | 30  | 31  | 32  | 33  | 34  | 35  | 36  | 37  | 38  | 39  | 40  | 41  | 42  | 43  | 44  | 45  |
| 36  | 1.2      | Master Planning   |                    |       | 6/25/01  | 7/26/06  | 1858 days | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  |     |     |     |     |     |
| 37  | 1.2.1    | Complete Airport Capacity Study (Optional)                              | Airport,ARP,AT,ASC |       | 6/25/01  | 6/25/01  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 38  | 1.2.2    | Develop Master Plan   |                    |       | 6/25/01  | 5/15/03  | 690 days  | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  |     |     |     |     |     |     |     |
| 39  | 1.2.2.1  | Issue Notice to Proceed (NTP) for Master Plan                           | FAA                |       | 6/25/01  | 6/25/01  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 40  | 1.2.2.2  | Perform Inventory of Existing Airport Activity and Facilities           | Airport            |       | 6/25/01  | 9/22/01  | 90 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 41  | 1.2.2.3  | Prepare Aviation Demand Forecast  | Airport            |       | 6/25/01  | 12/21/01 | 180 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 42  | 1.2.2.4  | Review and Approve Aviation Demand Forecast                             | ARP                |       | 10/23/01 | 12/21/01 | 60 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 43  | 1.2.2.5  | Perform Demand / Capacity Analysis (Airport Simulation Modeling)        | Airport            |       | 11/22/01 | 8/18/02  | 270 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 44  | 1.2.2.6  | Develop Airport Facility Requirements / Perform Alternative(s) Analysis | Airport            |       | 12/22/01 | 11/16/02 | 330 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 45  | 1.2.2.7  | Initiate FAA/Airport/Airline Stakeholder Meeting(s)                     | ARC                |       | 12/21/01 | 12/21/01 | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 46  | 1.2.2.8  | Submit Draft Master Plan, including Draft Airport Layout Plan (ALP)     | Airport            |       | 11/16/02 | 11/16/02 | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 47  | 1.2.2.9  | Review Draft Airport Layout Plan (ALP) (FAA)                            |                    |       | 11/17/02 | 5/15/03  | 180 days  | 47  | 48  | 49  | 50  | 51  | 52  | 53  | 54  | 55  | 56  | 57  | 58  | 59  | 60  | 61  | 62  |
| 56  | 1.2.3    | Submit Draft Benefit / Cost Analysis                                    | Airport            |       | 7/15/03  | 7/15/03  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 57  | 1.2.4    | Review and Comment on Draft Benefit / Cost Analysis                     | ARP                |       | 7/15/03  | 9/12/03  | 60 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 58  | 1.2.5    | Approve ALP (Full Unconditional Approval)                               | ARP                |       | 7/26/06  | 7/26/06  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 59  | 1.2.6    | Re-validate ALP for Safety, Standards, and Efficiency                   | ARP                |       | 5/28/06  | 6/26/06  | 30 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 60  | 1.3      | Integration Management  |                    |       | 8/11/03  | 4/1/11   | 2790 days | 60  | 61  | 62  | 63  | 64  | 65  | 66  | 67  | 68  | 69  | 70  | 71  | 72  | 73  | 74  | 75  |
| 61  | 1.3.1    | Stakeholder Meetings  | ARC                |       | 8/11/03  | 4/1/11   | 2790 days |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 88  | 1.4      | Permits, Environmental, FONSI & ROD                                     |                    |       | 11/16/02 | 4/17/08  | 1978 days | 88  | 89  | 90  | 91  | 92  | 93  | 94  | 95  | 96  | 97  | 98  | 99  | 100 | 101 | 102 | 103 |
| 89  | 1.4.1    | Environmental Process   |                    |       | 11/16/02 | 9/4/06   | 1388 days | 89  | 90  | 91  | 92  | 93  | 94  | 95  | 96  | 97  | 98  | 99  | 100 | 101 | 102 | 103 |     |
| 90  | 1.4.1.1  | Request to Perform Environmental Impact Statement (EIS)                 | Airport            |       | 11/16/02 | 11/16/02 | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 91  | 1.4.1.2  | Consider Performing EIS   | ARP                |       | 11/17/02 | 12/16/02 | 30 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 92  | 1.4.1.3  | FAA Decision to Perform EIS   | ARP                |       | 12/16/02 | 12/16/02 | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 93  | 1.4.1.4  | Prepare and Coordinate Memorandum of Understanding (MOU) Between        | ARP                |       | 11/17/02 | 12/16/02 | 30 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 94  | 1.4.1.5  | Execute MOU Between Airport and FAA                                     | ARP                |       | 12/16/02 | 12/16/02 | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 95  | 1.4.1.6  | Select Consultant to Prepare EIS  | ARP                |       | 12/17/02 | 4/15/03  | 120 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 96  | 1.4.1.7  | Issue Notice to Proceed (NTP) to the Consultant to Prepare the EIS      | ARP                |       | 4/15/03  | 4/15/03  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 97  | 1.4.1.8  | Prepare Memorandum of Agreement (MOA) between FAA and Cooperativ        | ARP                |       | 12/17/02 | 4/15/03  | 120 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 98  | 1.4.1.9  | Execute MOA Between the FAA and Other Federal Agencies                  | ARP                |       | 4/15/03  | 4/15/03  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 99  | 1.4.1.10 | Issue Notice of Intent (NOI) to prepare an EIS (In Federal Register)    | ARP                |       | 5/15/03  | 5/15/03  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 100 | 1.4.1.11 | Conduct Scoping Process (Include FAA Requirements from Planning Proc    | ARP,ANI,AF,AT      |       | 5/16/03  | 9/12/03  | 120 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 101 | 1.4.1.12 | Conduct Scoping Meeting(s)  | ARP                |       | 7/14/03  | 7/14/03  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 102 | 1.4.1.13 | Perform Draft EIS Analysis  | ARP,ANI,AF,AT      |       | 9/13/03  | 6/8/04   | 270 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 103 | 1.4.1.14 | Prepare Preliminary Draft EIS Document, Conduct Internal Review, and P  | ARP,HQ,Legal,FAA   |       | 6/9/04   | 12/5/04  | 180 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |



# Generic RTAP

| OEP Runway Template Action Plan (RTAP) - Generic Location |            |   |                        |       |          |          |           |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|---|------------|---|------------------------|-------|----------|----------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ID  | WBS        | Task Name   | Organization           | Text1 | Start    | Finish   | Duration  | '01 | '02 | '03 | '04 | '05 | '06 | '07 | '08 | '09 | '10 | '11 | '12 | '13 | '14 | '15 | '16 |
| 104   | 1.4.1.15   | Distribute Draft EIS; File with EPA   | ARP                    |       | 12/6/04  | 12/19/04 | 14 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 105   | 1.4.1.16   | Conduct Draft EIS Public / Agency Review and Comment (Minimum 4             |                        |       | 12/19/04 | 4/18/05  | 120 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 109   | 1.4.1.17   | Perform Final EIS Analysis  | ARP,ANI,AF,AT          |       | 4/19/05  | 8/16/05  | 120 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 110   | 1.4.1.18   | Prepare Preliminary Final EIS Document, Conduct Internal Review, and P      | ARP,ANI,AF,AT          |       | 8/17/05  | 2/12/06  | 180 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 111   | 1.4.1.19   | Distribute Final EIS; File with EPA   | ARP                    |       | 2/13/06  | 2/26/06  | 14 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 112   | 1.4.1.20   | Conduct Public / Agency Review of Final EIS (Minimum 30 Calendar I          |                        |       | 2/26/06  | 3/28/06  | 30 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 113   | 1.4.1.20.1 | EPA Places Notice in Federal Register (Final EIS Available) / Start of      | EPA                    |       | 2/26/06  | 2/26/06  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 114   | 1.4.1.20.2 | End Review Period of Final EIS  | ARP                    |       | 3/28/06  | 3/28/06  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 115   | 1.4.1.21   | Perform EIS Record of Decision (ROD) Analysis (Each LOB)                    | ARP,ANI,AF,AT          |       | 3/29/06  | 5/27/06  | 60 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 116   | 1.4.1.22   | Prepare Preliminary EIS Record of Decision (ROD), Conduct Internal Rev      | AF,ANI,ARP,AT          |       | 5/28/06  | 7/26/06  | 60 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 117   | 1.4.1.23   | Approve EIS Record of Decision (ROD)  | ARP,ANI,AF,AT          |       | 7/26/06  | 7/26/06  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 118   | 1.4.1.24   | Prepare Administrative Record, if Sued (40 Calendar Day Requirement)        | AF,ANI,ARP,AT          |       | 7/27/06  | 9/4/06   | 40 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 119   | 1.4.1.25   | Prepare Briefs for Legal Challenge  | ARP,RA,Legal,ANI,AF,AT |       | 7/27/06  | 9/4/06   | 40 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 120   | 1.4.2      | Notify RAPT Members of Decision to Proceed with Runway Project              | ARP                    |       | 12/16/02 | 12/16/02 | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 121   | 1.4.3      | Complete Any Environmental Mitigation Required for Permits                  | Airport                |       | 7/26/06  | 7/26/06  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 122   | 1.4.4      | Acquire Environmental and Other Federal, State and Local Permits            | Airport                |       | 4/17/08  | 4/17/08  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 123   | 1.5        | Runway  |                        |       | 7/27/06  | 10/4/10  | 1530 days |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 124   | 1.5.1      | Acquire Land Needed for Runway Construction                                 | Airport                |       | 7/27/06  | 1/17/08  | 540 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 125   | 1.5.2      | Design Runway   |                        |       | 7/27/06  | 1/17/08  | 540 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 126   | 1.5.2.1    | Perform Runway Design (Integrated with Nav aids and NAS Facilities)         | Airport                |       | 7/27/06  | 1/17/08  | 540 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 127   | 1.5.2.2    | Submit Runway Plans and Specifications, Construction Safety Plan, and F     | Airport                |       | 10/20/07 | 10/20/07 | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 128   | 1.5.2.3    | Review and Coordinate Runway Plans and Specifications, Runway Const         | ARP                    |       | 10/20/07 | 12/18/07 | 60 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 129   | 1.5.2.4    | Approve Runway Plans and Specifications, Runway Construction Safety F       | ARP                    |       | 1/17/08  | 1/17/08  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 130   | 1.5.3      | NGS Survey  | AVN                    |       | 1/12/09  | 10/17/09 | 279 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 131   | 1.5.3.1    | AVN Requests Precision Survey from NGS                                      | AVN                    |       | 1/12/09  | 1/12/09  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 132   | 1.5.3.2    | NGS Completes Precision Survey  | AVN                    |       | 4/12/09  | 4/12/09  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 133   | 1.5.3.3    | NGS Provides Compiled Survey Data to AVN                                    | AVN                    |       | 10/4/09  | 10/4/09  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 134   | 1.5.3.4    | AVN Notifies ARP of any issues or problems identified by NGS Survey         | AVN                    |       | 10/17/09 | 10/17/09 | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 135   | 1.5.4      | Runway Construction   |                        |       | 1/18/08  | 10/3/10  | 990 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 136   | 1.5.4.1    | Advertise for Bids for First Runway Contract                                | Airport                |       | 1/18/08  | 2/16/08  | 30 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 137   | 1.5.4.2    | Evaluate Runway Construction Bids and Award Contract                        | Airport                |       | 2/17/08  | 4/16/08  | 60 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 138   | 1.5.4.3    | Integrate Runway Construction Schedule with Nav aids Schedule(s)            | ANI                    |       | 4/17/08  | 6/15/08  | 60 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 139   | 1.5.4.4    | Issue Notice to Proceed on First Runway Construction Contract (Construc     | Airport                |       | 4/17/08  | 4/17/08  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 140   | 1.5.4.5    | Perform Runway Grading and Drainage (Coordinate with Nav aids Constr        | Airport                |       | 4/17/08  | 4/11/09  | 360 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 141   | 1.5.4.6    | Construct Runway Utilities and Duct Banks                                   | Airport                |       | 4/12/09  | 7/10/09  | 90 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 142   | 1.5.4.7    | Perform Runway Paving and Marking   | Airport                |       | 7/11/09  | 4/6/10   | 270 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 143   | 1.5.4.8    | AVN Notifies NGS to Perform Certification Survey                            | AVN                    |       | 4/6/10   | 4/6/10   | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 144   | 1.5.4.9    | Install Runway Electrical Systems   | Airport                |       | 4/7/10   | 10/3/10  | 180 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 145   | 1.5.4.10   | Complete Blast Pad and In-Pavement Lighting Cans                            | Airport                |       | 8/5/10   | 8/5/10   | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 146   | 1.5.4.11   | Update Airport Master Record (5010) / Airport Facility Directory (AFD)      | ARP                    |       | 4/7/10   | 4/7/10   | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 147   | 1.5.4.12   | Complete Obstacle Removal (Including Decommissioned Facilities)             | Airport                |       | 8/5/10   | 8/5/10   | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 148   | 1.5.4.13   | Complete Final Certification Inspection (FAR Part 139)                      | ARP                    |       | 7/29/10  | 7/29/10  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 149   | 1.5.4.14   | Complete Runway Construction  | Airport                |       | 10/3/10  | 10/3/10  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 150   | 1.5.5      | Commission Runway (Full Operation Capability)                               | AF,AT                  |       | 10/4/10  | 10/4/10  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 151   | 1.6        | Airspace & Procedures   |                        |       | 1/15/03  | 10/3/10  | 2818 days |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 152   | 1.6.1      | Revalidate Service Level Operations and Airspace Requirements for New Run   | ARC                    |       | 1/15/03  | 1/15/03  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 153   | 1.6.2      | Provide Appropriate Runway Data to AVN (e.g. Coordinates, Elevation, Bearin | ARP                    |       | 7/26/06  | 7/26/06  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 154   | 1.6.3      | Perform Air Traffic Analysis and Development of Airspace and Procedures     | AT                     |       | 7/27/06  | 1/22/07  | 180 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |

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# Generic RTAP

| OEP Runway Template Action Plan (RTAP) - Generic Location |          |   |              |       |          |          |           | '01 | '02 | '03 | '04 | '05 | '06 | '07 | '08 | '09 | '10 | '11 | '12 | '13 | '14 | '15 | '16 |
|---|----------|---|--------------|-------|----------|----------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ID  | WBS      | Task Name   | Organization | Text1 | Start    | Finish   | Duration  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 155   | 1.6.4    | Review Relationship of Airspace and Procedures to National Airspace Redesign  | AT           |       | 7/27/06  | 12/23/06 | 150 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 156   | 1.6.5    | Decision and Notification of Airspace and Procedures Requirements             | AT           |       | 1/22/07  | 1/22/07  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 157   | 1.6.6    | <b>Evaluate and Modify Terminal Airspace (Published)</b>                      |              |       | 1/23/07  | 9/13/08  | 600 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 158   | 1.6.6.1  | Define General Airspace Requirements  | AT           |       | 1/23/07  | 5/22/07  | 120 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 159   | 1.6.6.2  | Conduct Preliminary Aeronautical Study  | AT           |       | 5/23/07  | 8/20/07  | 90 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 160   | 1.6.6.3  | Headquarters Approval to Begin Public Process                                 | AT           |       | 9/19/07  | 9/19/07  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 161   | 1.6.6.4  | Establish AdHoc Airspace Committee  | AT           |       | 9/20/07  | 10/19/07 | 30 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 162   | 1.6.6.5  | Refine Airspace and Conduct Informal Airspace Meetings                        | AT           |       | 10/20/07 | 1/17/08  | 90 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 163   | 1.6.6.6  | Conduct Formal Aeronautical Study   | AT           |       | 1/18/08  | 2/16/08  | 30 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 164   | 1.6.6.7  | Prepare and Circulate Notice of Proposed Rulemaking                           | AT           |       | 2/17/08  | 3/17/08  | 30 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 165   | 1.6.6.8  | Gather Comments and Write Final Airspace Rule                                 | AT           |       | 3/18/08  | 6/15/08  | 90 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 166   | 1.6.6.9  | Publish Final Airspace Rule   | AT           |       | 6/16/08  | 7/15/08  | 30 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 167   | 1.6.6.10 | Chart Airspace (Class B or C)   | AT           |       | 7/16/08  | 9/13/08  | 60 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 168   | 1.6.7    | <b>Update Feasibility Study for Instrument Flight Procedures</b>              | AVN          |       | 2/21/10  | 3/20/10  | 28 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 169   | 1.6.7.1  | Conduct Feasibility Study for Instrument Flight Procedures                    | AVN          |       | 2/21/10  | 3/6/10   | 14 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 170   | 1.6.7.2  | Identify Instrument Flight Procedures Waivers (TERPS)                         | AVN          |       | 3/7/10   | 3/20/10  | 14 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 171   | 1.6.8    | Complete Obstruction Survey (Existing Structures in Final Approach Area)      | Airport      |       | 12/8/09  | 12/8/09  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 172   | 1.6.9    | Provide Survey and Certification of Approach Slopes to AVN                    | Airport      |       | 8/5/10   | 8/5/10   | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 173   | 1.6.10   | Develop and Deliver Controller Training Program                               | AT           |       | 4/22/10  | 7/20/10  | 90 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 174   | 1.6.11   | Train Controllers on New Airspace, Procedures, and Equipment                  | AT           |       | 7/21/10  | 9/18/10  | 60 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 175   | 1.6.12   | <b>Standard Terminal Arrival (STARS) and Departure Instrument Procedures</b>  |              |       | 1/12/10  | 10/3/10  | 265 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 176   | 1.6.12.1 | Initiate Development of STARS and Departure Instrument Procedures             | AVN          |       | 1/12/10  | 1/12/10  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 177   | 1.6.12.2 | Design STARS and Departure Instrument Procedures                              | AVN          |       | 1/12/10  | 4/25/10  | 104 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 178   | 1.6.12.3 | Complete Flight Check of STARS and Departure Instrument Procedures            | AVN          |       | 6/21/10  | 6/21/10  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 179   | 1.6.12.4 | Send STARS and Departure Instrument Procedures to ATA-100 / NACO              | AVN          |       | 6/22/10  | 6/22/10  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 180   | 1.6.12.5 | Issue Transmittal Letter for STARS and Departure Instrument Procedures        | AT           |       | 8/30/10  | 8/30/10  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 181   | 1.6.12.6 | Publish STARS and DP Charts   | AVN          |       | 10/3/10  | 10/3/10  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 182   | 1.6.13   | <b>Standard Instrument Approach Procedures (IAP)</b>                          |              |       | 2/21/10  | 10/3/10  | 225 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 183   | 1.6.13.1 | Initiate Development of Standard Instrument Approach Procedures (IAP)         | AVN          |       | 2/21/10  | 2/21/10  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 184   | 1.6.13.2 | Initiate Cat II/III Checklists  | AVN          |       | 2/21/10  | 2/21/10  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 185   | 1.6.13.3 | Design Standard Instrument Approach Procedures (IAP)                          | AVN          |       | 2/21/10  | 7/4/10   | 134 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 186   | 1.6.13.4 | Send Standard Instrument Approach Procedures (IAP) to ATA-100 / NACO          | AVN          |       | 7/6/10   | 7/6/10   | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 187   | 1.6.13.5 | Flight Check of Standard Instrument Approach Procedures (IAP) and Nav         | AVN          |       | 8/19/10  | 8/19/10  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 188   | 1.6.13.6 | Approve All Waivers, NCPs, and Modifications to Airport Design Standard       | AF,AFS,ARP   |       | 8/29/10  | 8/29/10  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 189   | 1.6.13.7 | Send 8260.26 Message to ATA-100 for Approaches and Cat I ILS                  | AVN          |       | 8/29/10  | 8/29/10  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 190   | 1.6.13.8 | Issue Transmittal Letter for Standard Instrument Approach Procedures (IAP)    | AT           |       | 8/30/10  | 8/30/10  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 191   | 1.6.13.9 | Chart Publication for Standard Instrument Approach Procedures (IAP) and       | AVN          |       | 10/3/10  | 10/3/10  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 192   | 1.6.14   | <b>Cat II / Cat III Charting</b>  |              |       | 8/29/10  | 10/3/10  | 36 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 193   | 1.6.14.1 | Send 8260.26 Message to ATA-100 (Cat II ILS)                                  | AVN          |       | 8/29/10  | 8/29/10  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 194   | 1.6.14.2 | Issue Transmittal Letter for Cat II ILS (ATA-100)                             | AT           |       | 8/29/10  | 8/29/10  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 195   | 1.6.14.3 | Publish Instrument Approach Chart (Cat II ILS)                                | AVN          |       | 10/3/10  | 10/3/10  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 196   | 1.6.14.4 | Send 8260.26 Message to ATA-100 (Cat III ILS)                                 | AVN          |       | 8/29/10  | 8/29/10  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 197   | 1.6.14.5 | Issue Transmittal Letter for Cat III ILS (ATA-100)                            | AT           |       | 8/29/10  | 8/29/10  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 198   | 1.6.14.6 | Publish Instrument Approach Chart (Cat III ILS)                               | AVN          |       | 10/3/10  | 10/3/10  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 199   | 1.7      | <b>Airfield Facilities (FAA)</b>  |              |       | 9/24/06  | 4/1/11   | 1650 days |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 200   | 1.7.1    | Determine Impact of Decommissioned Facilities (Which Are Not Being Replaced)  | AF,ANI       |       | 1/18/08  | 3/17/08  | 60 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 201   | 1.7.2    | Develop Individual F&E Equipment Schedules and Link to Master Runway Schedule | ANI          |       | 9/24/06  | 9/24/06  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 202   | 1.7.3    | All F&E and Non-Federal Facilities Required for New Runway Are Commissioned   | AF,AT,ANI    |       | 10/4/10  | 10/4/10  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |

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# Generic RTAP

| OEP Runway Template Action Plan (RTAP) - Generic Location |             |   |                |       |          |          |             |     |     |     |     |     |     |     |     |
|---|-------------|---|----------------|-------|----------|----------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
| ID  | WBS         | Task Name   | Organization   | Text1 | Start    | Finish   | Duration    | '01 | '02 | '03 | '04 | '05 | '06 | '07 | '08 |
| 203   | 1.7.4       | <b>Video Map Changes (Radar, ASDE, TDWR, WSP, and ITWS)</b>                   |                |       | 10/9/09  | 7/21/10  | 285 days    |     |     |     |     |     |     |     |     |
| 204   | 1.7.4.1     | Order Video Maps  | AT             |       | 10/9/09  | 10/9/09  | 0 days      |     |     |     |     |     |     |     |     |
| 205   | 1.7.4.2     | Video Maps Available for Installation   | AT             |       | 7/21/10  | 7/21/10  | 0 days      |     |     |     |     |     |     |     |     |
| 206   | 1.7.5       | <b>Approve Low Weather Operations for the Runway</b>                          | AFS            |       | 8/29/10  | 8/29/10  | 0 days      |     |     |     |     |     |     |     |     |
| 207   | 1.7.5.1     | Approve Cat II Checklist  | AFS            |       | 8/29/10  | 8/29/10  | 0 days      |     |     |     |     |     |     |     |     |
| 208   | 1.7.5.2     | Approve Cat III Checklist   | AFS            |       | 8/29/10  | 8/29/10  | 0 days      |     |     |     |     |     |     |     |     |
| 209   | 1.7.6       | Request Cat II Use of New Runway (Users)                                      | Airline        |       | 8/29/10  | 8/29/10  | 0 days      |     |     |     |     |     |     |     |     |
| 210   | 1.7.7       | Request Cat III Use of New Runway (Users)                                     | Airline        |       | 8/29/10  | 8/29/10  | 0 days      |     |     |     |     |     |     |     |     |
| 211   | 1.7.8       | <b>***This is the Master Schedule For Each Required System (e.g. VOR, New</b> |                |       | 1/7/09   | 4/1/11   | 815 days    |     |     |     |     |     |     |     |     |
| 212   | 1.7.8.1     | Funding for Equipment Approved  |                |       | 5/7/09   | 5/7/09   | 0 days      |     |     |     |     |     |     |     |     |
| 213   | 1.7.8.2     | Funding for Construction and Installation Approved (Obtained via reimburse    | ANI            |       | 5/7/09   | 5/7/09   | 0 days      |     |     |     |     |     |     |     |     |
| 214   | 1.7.8.3     | Establish Reimbursable Agreement, If Needed                                   | AF,Airport,ARC |       | 1/7/09   | 5/6/09   | 120 days    |     |     |     |     |     |     |     |     |
| 215   | 1.7.8.4     | Perform Civil Design Engineering (Integrate with Runway Design)               | ANI            |       | 5/7/09   | 11/2/09  | 180 days    |     |     |     |     |     |     |     |     |
| 216   | 1.7.8.5     | <b>Airport (Non-Federal) Program Requirements</b>                             |                |       | 11/4/09  | 7/16/10  | 253.67 days |     |     |     |     |     |     |     |     |
| 217   | 1.7.8.5.1   | Initiate Non-Fed Takeover Request (Airport)                                   | AF,Airport     |       | 7/16/10  | 7/16/10  | 0 days      |     |     |     |     |     |     |     |     |
| 218   | 1.7.8.5.2   | Identify Specific NavAids Equipment (Airport), along with Source and          | Airport        |       | 11/4/09  | 1/3/10   | 60 days     |     |     |     |     |     |     |     |     |
| 219   | 1.7.8.5.3   | Determine Necessary Operational AF Equipment, Test & Work, Spar               | AF             |       | 11/4/09  | 1/3/10   | 60 days     |     |     |     |     |     |     |     |     |
| 220   | 1.7.8.5.4   | Submit Non-Fed Package  | Airport        |       | 1/3/10   | 1/3/10   | 0 days      |     |     |     |     |     |     |     |     |
| 221   | 1.7.8.5.5   | Review Non-Fed Package  | AF             |       | 1/3/10   | 3/4/10   | 60 days     |     |     |     |     |     |     |     |     |
| 222   | 1.7.8.5.6   | Request NavAids Frequency (AF for Airport)                                    | AF             |       | 1/10/10  | 7/9/10   | 180 days    |     |     |     |     |     |     |     |     |
| 223   | 1.7.8.5.7   | Approve NavAids Frequency (AF)  | AF             |       | 7/9/10   | 7/9/10   | 0 days      |     |     |     |     |     |     |     |     |
| 224   | 1.7.8.5.8   | Approve Non-Fed Package   | AF             |       | 7/9/10   | 7/9/10   | 0 days      |     |     |     |     |     |     |     |     |
| 225   | 1.7.8.5.9   | Request and Obtain Identifiers for Runway, New Facilities                     | AF,Airport     |       | 7/9/10   | 7/15/10  | 5 days      |     |     |     |     |     |     |     |     |
| 226   | 1.7.8.6     | <b>F&amp;E Program Requirements (Federal and Non-Federal)</b>                 |                |       | 6/22/09  | 4/1/11   | 649 days    |     |     |     |     |     |     |     |     |
| 227   | 1.7.8.6.1   | <b>Identify Specific Equipment Requirements (FAA), along with Source</b>      |                |       | 9/19/09  | 3/17/10  | 180 days    |     |     |     |     |     |     |     |     |
| 228   | 1.7.8.6.1.1 | Determine Necessary AT Hardware and Software Adaptations (i                   | AT             |       | 1/17/10  | 3/17/10  | 60 days     |     |     |     |     |     |     |     |     |
| 229   | 1.7.8.6.1.2 | Determine Necessary Operational AF Equipment, Test & Work, Ac                 | AT,AF          |       | 9/19/09  | 11/17/09 | 60 days     |     |     |     |     |     |     |     |     |
| 230   | 1.7.8.6.2   | Perform Site Survey and Make Site Selection                                   | ANI            |       | 6/22/09  | 7/5/09   | 14 days     |     |     |     |     |     |     |     |     |
| 231   | 1.7.8.6.3   | Complete Site Selection   | ANI            |       | 7/6/09   | 7/6/09   | 0 days      |     |     |     |     |     |     |     |     |
| 232   | 1.7.8.6.4   | Determine Impact of Decommissioned Facilities on Runway Commis                | AF,ANI         |       | 6/6/10   | 8/4/10   | 60 days     |     |     |     |     |     |     |     |     |
| 233   | 1.7.8.6.5   | Initiate Procurement Request for Land Lease(s)                                | ANI            |       | 8/5/09   | 8/5/09   | 0 days      |     |     |     |     |     |     |     |     |
| 234   | 1.7.8.6.6   | Execute Land Lease(s)   | ANI,ARC        |       | 8/5/09   | 11/2/09  | 90 days     |     |     |     |     |     |     |     |     |
| 235   | 1.7.8.6.7   | Identify and Process NAS Change Proposals (NCPs), If Required                 | ANI            |       | 7/6/09   | 11/2/09  | 120 days    |     |     |     |     |     |     |     |     |
| 236   | 1.7.8.6.8   | Approve NAS Change Proposal (NCP) (LOB)                                       | AF             |       | 11/3/09  | 11/3/09  | 0 days      |     |     |     |     |     |     |     |     |
| 237   | 1.7.8.6.9   | Initiate Procurement Request for Power Service                                | ANI            |       | 9/4/09   | 9/4/09   | 0 days      |     |     |     |     |     |     |     |     |
| 238   | 1.7.8.6.10  | Prepare and Execute Contract for Power Service                                | ANI,ARC        |       | 9/4/09   | 11/2/09  | 60 days     |     |     |     |     |     |     |     |     |
| 239   | 1.7.8.6.11  | Determine Requirements for Environmental Assessment (EA) and Ac               | AF,ANI         |       | 7/6/09   | 11/2/09  | 120 days    |     |     |     |     |     |     |     |     |
| 240   | 1.7.8.6.12  | Determine Requirements for HAZMAT and OSHA and Accomplish EI                  | AF,ANI         |       | 7/6/09   | 11/2/09  | 120 days    |     |     |     |     |     |     |     |     |
| 241   | 1.7.8.6.13  | Request and Obtain Approval for Non-Rulemaking Action (NRA) 745               | ARP,ANI        |       | 1/17/10  | 2/15/10  | 30 days     |     |     |     |     |     |     |     |     |
| 242   | 1.7.8.6.14  | Perform Electronic Engineering (Engineer Approved Frequencies)                | ANI            |       | 11/18/09 | 1/16/10  | 60 days     |     |     |     |     |     |     |     |     |
| 243   | 1.7.8.6.15  | Request and Receive TELCO Service   | ANI            |       | 1/17/10  | 7/15/10  | 180 days    |     |     |     |     |     |     |     |     |
| 244   | 1.7.8.6.16  | Request and Obtain Frequencies (NavAids, New Positions, Comm., e              | ANI            |       | 11/18/09 | 5/16/10  | 180 days    |     |     |     |     |     |     |     |     |
| 245   | 1.7.8.6.17  | Submit Facilities Data to National Flight Data Center (ATA-100)               | ANI            |       | 2/21/10  | 2/21/10  | 0 days      |     |     |     |     |     |     |     |     |
| 246   | 1.7.8.6.18  | Initiate Request for Instrument Approach Procedures for Facilities (e         | ANI            |       | 2/21/10  | 2/21/10  | 0 days      |     |     |     |     |     |     |     |     |
| 247   | 1.7.8.6.19  | Initiate Request for AF Training on New Equipment, if Required                | AF             |       | 6/16/10  | 6/16/10  | 0 days      |     |     |     |     |     |     |     |     |
| 248   | 1.7.8.6.20  | Order Equipment (Operational, Working, Spares, Test)                          | ANI,Airport    |       | 3/18/10  | 4/16/10  | 30 days     |     |     |     |     |     |     |     |     |
| 249   | 1.7.8.6.21  | Equipment Delivery  | ANI,Airport    |       | 5/17/10  | 5/17/10  | 0 days      |     |     |     |     |     |     |     |     |
| 250   | 1.7.8.6.22  | Initiate Procurement Request for Construction Contract(s)                     | ANI            |       | 11/3/09  | 11/3/09  | 0 days      |     |     |     |     |     |     |     |     |



# Generic RTAP

| OEP Runway Template Action Plan (RTAP) - Generic Location |            |   |              |       |         |         |           |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|---|------------|---|--------------|-------|---------|---------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ID  | WBS        | Task Name   | Organization | Text1 | Start   | Finish  | Duration  | '01 | '02 | '03 | '04 | '05 | '06 | '07 | '08 | '09 | '10 | '11 | '12 | '13 | '14 | '15 | '16 |
| 251   | 1.7.8.6.23 | Prepare, Solicit, Evaluate, and Award Contract(s) for AF Facilities (PI   | ARC,ANI      | 😊     | 11/3/09 | 1/1/10  | 60 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 252   | 1.7.8.6.24 | Satisfy Security Requirements (e.g. Perform Contractor Background         | ARC,Security | 😊     | 1/2/10  | 1/31/10 | 30 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 253   | 1.7.8.6.25 | Contractor Requests and Obtains All Necessary Local and Airport Wk        | ANI          | 😊     | 1/17/10 | 2/15/10 | 30 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 254   | 1.7.8.6.26 | Issue Notice To Proceed (NTP) for Construction                            | ANI,ARC      | 😊     | 2/16/10 | 2/16/10 | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 255   | 1.7.8.6.27 | Perform Construction - AF Facilities/Plants                               | ANI          | 😊     | 2/16/10 | 5/16/10 | 90 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 256   | 1.7.8.6.28 | Contractor Acceptance Inspection (CAI)                                    | ANI          | 😊     | 5/17/10 | 5/17/10 | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 257   | 1.7.8.6.29 | Installation of Electronics / System Tune-up                              | ANI          | 😊     | 5/17/10 | 7/15/10 | 60 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 258   | 1.7.8.6.30 | Navajids Ready for Flight Inspection                                      | ANI          | 😊     | 7/16/10 | 7/16/10 | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 259   | 1.7.8.6.31 | Conduct Training (Operations and Maintenance)                             | ANI          | 😊     | 6/16/10 | 7/15/10 | 30 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 260   | 1.7.8.6.32 | Complete Training (Operations and Maintenance)                            | ANI,AF       | 😊     | 7/16/10 | 7/16/10 | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 261   | 1.7.8.6.33 | Complete Flight Check (for Required System e.g. ASR-9) (See Note)         | ANI,AVN      | 😊     | 7/16/10 | 7/16/10 | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 262   | 1.7.8.6.34 | Joint Acceptance Inspection (JAI)   | ANI,AF       | 😊     | 7/16/10 | 7/16/10 | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 263   | 1.7.8.6.35 | System Commissioning (Of Required System)                                 | AF,ANI       | 😊     | 7/16/10 | 7/16/10 | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 264   | 1.7.8.6.36 | Prepare and Complete Transfer Agreement for Non-Fed Facilities            | AF,Airport   | 😊     | 1/12/11 | 4/1/11  | 80 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 265   | 1.7.9      | Additional Copies of Master Schedule                                      |              | 😊     | 1/7/09  | 4/1/11  | 815 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 590   | 1.8        | Airfield Facilities (non-FAA)   |              | 😊     | 5/15/03 | 4/1/11  | 2878 days |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 591   | 1.8.1      | SMGCS Requirements  |              | 😊     | 5/15/03 | 7/14/03 | 60 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 592   | 1.8.1.1    | Identify SMGCS Requirements (From ALP Process)                            | Airport      | 😊     | 5/15/03 | 5/15/03 | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 593   | 1.8.1.2    | Review SMGCS Ops Requirements (Each LOB)                                  | AFS          | 😊     | 5/16/03 | 7/14/03 | 60 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 594   | 1.8.2      | Develop SMGCS Plan  |              | 😊     | 7/26/06 | 1/22/07 | 180 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 595   | 1.8.2.1    | Convene SMGCS Workgroup   | Airport      | 😊     | 7/26/06 | 7/26/06 | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 596   | 1.8.2.2    | Develop SMGCS Plan (i.e. Procedures, Taxi Chart, etc.)                    | Airport      | 😊     | 7/27/06 | 1/22/07 | 180 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 597   | 1.8.3      | SMGCS Approval Process  | AFS          | 😊     | 5/7/10  | 8/28/10 | 114 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 598   | 1.8.3.1    | Submit & Review SMGCS Plan & Taxi Chart                                   | AFS          | 😊     | 5/7/10  | 7/5/10  | 60 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 599   | 1.8.3.2    | Approve SMGCS Plan and Taxi Chart   | AFS          | 😊     | 7/5/10  | 7/5/10  | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 600   | 1.8.3.3    | Perform SMGCS On-Site Inspection (with All LOBs)                          | AFS          | 😊     | 7/29/10 | 7/29/10 | 1 day     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 601   | 1.8.3.4    | Prepare Final Taxi Chart  | Airport      | 😊     | 7/30/10 | 8/28/10 | 30 days   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 602   | 1.8.3.5    | Publish Taxi Chart  | Airport      | 😊     | 8/28/10 | 8/28/10 | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 603   | 1.8.3.6    | Approve SMGCS Operations  | AFS          | 😊     | 8/28/10 | 8/28/10 | 0 days    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 604   | 1.8.4      | ***This is the Master Schedule For Each Required non-FAA Airfield Project |              | 😊     | 1/7/09  | 4/1/11  | 815 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 658   | 1.8.5      | ***This is the Master Schedule For Each Required non-FAA Airfield Project |              | 😊     | 1/7/09  | 4/1/11  | 815 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 712   | 1.8.6      | ***This is the Master Schedule For Each Required non-FAA Airfield Project |              | 😊     | 1/7/09  | 4/1/11  | 815 days  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |



# ARPT-1: New and Extended Runways

- **Criteria for New and Extended Runways in the OEP**
  - Must be at one of 35 OEP airports
  - Agreement (FAA and Airport Sponsor) on dimensions, timing, alignment, and planned use of the runway
  - Environmental Impact Statement Record of Decision (ROD) issued
- **RTAP Coordination (OEP Associates Team, Horizontal Integration Team, and stakeholders)**
  - Runway commissioning date and “full operational capability” definitions establish the OEP RTAP commitment
  - Ongoing quarterly RTAP program management cycles
    - Progress compared against commitments
    - Proposed schedule changes are discussed
    - The team works together to identify and minimized any impacts

# RTAP Successes

- **Better understanding of the process; fewer surprises**
- **Cross-organizational teams with common goals and team leaders focused on the big picture**
- **Advanced planning, coordination and budgeting, with linkages to Flight Plan**
- **Clear communication of expectations**
- **Accountability for commitments (Failure is not an option)**
- **Ongoing reviews to evaluate results**
- **Early identification of issues and corporate development of mitigation strategies**
- **Strong support from the highest management levels**
- **Since RTAPs were created 4  $\frac{3}{4}$  years ago, no runway commissioning date changes caused by FAA activities**



# ARPT-1 Changes Since OEP v7

- **Dulles runway 1L/19R returned to OEP after Record of Decision (ROD) was issued**
- **First new O'Hare Modernization Program runway 9L/27R added to OEP**
- **OEP runway focus expanded to include delay reduction and safety initiatives**
  - **LAX runway 7R/25L and new center taxiway**
  - **PHL runway 17/35 extension**

# Four New Runways!



**St. Louis (STL) Runway 11/29**  
**Commissioned 4/13/06**



**Minneapolis (MSP) Runway**  
**17 / 35 - Commissioned 10/27/05**



**Covington (CVG) Runway**  
**18R / 36L - Commissioned 12/22/05**

**Atlanta (ATL)**  
**Runway**  
**10 / 28 -**  
**Commissioned**  
**5/15/06**



# Progress

- **4 Record of Decisions Issued: FY05 & Early FY06**
  - Philadelphia (PHL) Extension – April 2005
  - Los Angeles (LAX) Reconfiguration – May 2005
  - Chicago O'Hare (ORD) Reconfiguration – Sept 2005
  - Washington Dulles (IAD) – October 2005



# Accomplishments

- **12 new runways opened in last 7 years**
  - 20 miles of pavement
  - Potential to accommodate almost 1.4 million more operations
  - Decrease average delay per operation by about 4 minutes
- **6 runway projects to open in next 3 years**
  - 8 more miles of pavement
  - Potential to accommodate about 578,000 more operations
- **7 with Planning/Environmental Underway**
  - 4 EISs underway or beginning shortly
  - 3 Planning Studies underway

# New Runway Benefits

## Ability to Accommodate More Annual Operations

